

Title (en)

A BALANCING SYSTEM AND THE HOUSEHOLD APPLIANCE WHEREIN THE SAME IS USED

Title (de)

AUSGLEICHSSYSTEM UND HAUSHALTSVORRICHTUNG DAMIT

Title (fr)

SYSTÈME D'ÉQUILIBRAGE ET L'APPAREIL MÉNAGER L'UTILISANT EN SON SEIN

Publication

**EP 2964068 A2 20160113 (EN)**

Application

**EP 14709226 A 20140304**

Priority

- TR 201302840 A 20130308
- EP 2014054105 W 20140304

Abstract (en)

[origin: WO2014135505A2] The present invention relates to a balancing system (50) that exerts force with different values to a door during the opening-closing stages and the household appliance (100) wherein the same is used. The different force values during opening/closing are obtained by the cable (3) in the balancing system (50) rubbing against the sections (9, 10) of the first spool (5) with different physical properties.

IPC 8 full level

**A47L 15/42** (2006.01); **E05F 1/08** (2006.01); **E05F 1/12** (2006.01)

CPC (source: EP US)

**A47L 15/4261** (2013.01 - EP US); **E05D 11/1064** (2013.01 - US); **E05D 13/10** (2013.01 - US); **E05F 1/10** (2013.01 - US); **E05F 1/1075** (2013.01 - EP US); **E05Y 2201/654** (2013.01 - EP US); **E05Y 2900/308** (2013.01 - EP US)

Citation (search report)

See references of WO 2014135505A2

Citation (examination)

- US 2011241507 A1 20111006 - DIEBOLD STEFFEN [DE], et al
- DE 102007053093 A1 20090514 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2014135505 A2 20140912; WO 2014135505 A3 20141224; WO 2014135505 A9 20141030**; AU 2014224782 A1 20150716; AU 2014224782 B2 20160428; EP 2964068 A2 20160113; TR 201719385 T3 20190521; US 2016029873 A1 20160204; US 9706895 B2 20170718

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